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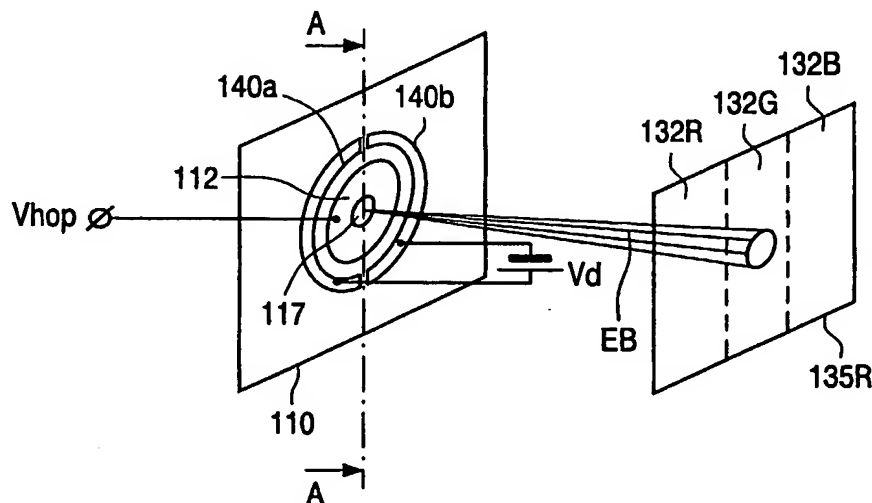
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(54) Title: VACUUM DISPLAY DEVICE WITH INCREASED RESOLUTION



(57) Abstract: A display device has a display screen (130) comprising a first array of picture elements (135) for displaying image information, and cathode means (120) for emitting electrons. The picture elements (135) are grouped together in sub-arrays (132). The emitted electrons are collected by an electron concentrator (115) which redistributes the electrons into a homogenous electron beam (EB). A single electron concentrator (115) is present for each sub-array (132) of picture elements (135), and the display device has selection means (140) for deflecting the electron beam (EB) leaving an electron concentrator (115) to any picture element (135) of the corresponding sub-array (132). Thereby, the displayed image may have a relatively high resolution. In a preferred embodiment, the image brightness is particularly high and variations in brightness uniformity over the displayed image are reduced.

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